2019 Inertial Profiler Information Form

Date: 5-2-2019

Operator(s): Jill Berger

Vendor: Ames

Profiler Type: High Speed

Picture of Device:

VIN (last four #): 3350

Left Sensor:
- Type: Line Laser
- Serial #: 830614-1

Right Sensor:
- Type: Line Laser
- Serial #: 830614-2

Software Version: 6.1.1.107

DMI: GPS

Collection Speed: 30 mph

Ames Engineering

Profiler
Software Version 6.1.1.107
SERIAL # 830614
MODEL # Model_8300

Company = NORTHERN IMP
Operator = JILL KEMMET
Certification # =
Certification date = 05032018
District =
Route # =
Pavement # =
Pass # = 0

FILE
C:\JOBS\830614\MNDOT S6.ard

PROFILE SETTINGS
Profile Unit System = English
CALPRO SETTINGS
Band width(in.) = 0.200
Min. scallop width(ft.) = 2.00
Min. scallop height(in.) = 0.300
Scallop rounding(in.) = 0.01
Count scallops once = True
Butterworth filter(ft.) = 2.00

BUMP SETTINGS
Bump Height(in.) = 0.18
Bump Width(ft.) = 25.00
Bump Detection = On
Dip Detection = On

LOCALIZED ROUGHNESS
IRI threshold(in./mi.) = ~~140.00~~ 175.00
IRI baselength(ft.) = 25.00

ANALYSIS SETTINGS
Low-pass Filter(ft.) = 0.00
High-pass Filter(ft.) = 0.00
Reduction Length(ft.) = 528
Horizontal Scale = 200 To 1
Paper Factor = 1.800

SENSOR SETTINGS
Sample rate = 12 samples/ft
Collection Speed(mph) = 28.97
Horizontal Cal. Divisor = 21
Horizontal Calibration = 48.768